

ABSTRACT OF DISCLOSURE

Test equipment of engine motoring for automatically
conducting an engine test includes a conveying mechanism that
5 carries in and carries out an engine to and from a test position,
a fixing mechanism that fixes the engine carried in to the test
position, a coupling mechanism that directly couples an
electrical motor to the engine and can detect [[a]] drive torque,
an encoder that generates a pulse signal as an operating standard
10 in synchronism with rotation of the electrical motor, a plurality
of detection units driven to reciprocate so as to be connected
to and disconnected from or approach and separate from the engine
positioned at the test position and detect a plurality of
operating state quantities, a control unit for various driving
15 controls, and a judging unit for judging whether the engine is
normal by comparing information obtained by the plurality of
detection units with standard information obtained in advance.